# Specifications

*Table 1 Specifications*

| Characteristic | X382A | P382A | K382A | R382A |
|---|---|---|---|---|
| Frequency range (GHz) | 8.2 to 12.4 | 12.4 to 18.0 | 18.0 to 26.5 | 26.5 to 40.0 |
| Incremental attenuation range [1] | 0 to 50 dB | | | |
| Residual attenuation [2] | Less than 1 dB | | | |
| Reflection coefficient | Less than 0.07 (1.15 SWR), entire range of attenuation and frequency. | | | |
| Incremental attenuation accuracy | ± 2% of the reading in dB, or 0.1 dB, whichever is greater. (Includes calibration and frequency response.) | | | |
| Fits waveguide size | 1 x 1/2 in WR90 | 0.702 x 0.391 in WR62 | 1/2 to 1/4 in WR42 | 0.360 x 0.220 in WR28 |
| Flange UG | 135/U | Cover (Al) | 597/U | Cover (Al) |
| Power capacity [3] | 10 | 5 | 2 | 1 |
| Length | 15-5/8 in 397 mm | 12-1/2 in 318 mm | 7-5/8 in 194 mm | 6-3/8 in 162 mm |
| Height | 7-5/8 in 194 mm | 7-3/4 in 197 mm | 6-1/8 in 156 mm | 6-1/8 in 156 mm |
| Depth | 4-11/16 in 119 mm | 4-3/4 in 121 mm | 4-3/4 in 121 mm | 4-3/4 in 121 mm |
| Weight | 5 lb 2.3 kg | 5 lb 2.3 kg | 3 lb 1.4 kg | 3 lb 1.4 kg |

1. New terminology for “Calibrated Attenuation Range”.
2. New terminology for “Insertion Loss”.
3. Power handling capacity, watts, average continuous duty.

With compliments
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